



FAG

★ NU1013-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0167371480000

★ Preferred product

Cylindrical roller bearing NU.-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

X-life

Technical information

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	100 mm	Outside diameter
B	18 mm	Width
C_r	53 000 N	Basic dynamic load rating, radial
C_{0r}	58 000 N	Basic static load rating, radial
C_{ur}	7 800 N	Fatigue load limit, radial
n_G	12 200 1/min	Limiting speed
n_{gr}	5 900 1/min	Reference speed
	0,005 kg	Weight

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
s	3,3 mm	Axial displacement
E	90,5 mm	Raceway diameter outer ring
F	74,5 mm	Raceway diameter inner ring
$D_{1 min}$	87,3 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	70 mm	Minimum diameter shaft shoulder
$d_{a max}$	73 mm	Maximum diameter of shaft shoulder
$d_{b min}$	76 mm	Minimum shaft shoulder
$D_{a max}$	94 mm	Maximum diameter of housing shoulder
$r_{a max}$	1,1 mm	Maximum recess radius
$r_{a1 max}$	1 mm	Maximum recess radius

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.



